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**TRANSMITTAL LETTER**  
**INFORMATION DISCLOSURE STATEMENT**

Applicant : TOKIWA, et al.  
 App. No : 10/530,789  
 Filed : April 8, 2005  
 For : TYROSINASE ACTIVITY  
 CONTROLLING AGENT, PROCESS FOR  
 PRODUCING THE SAME AND  
 EXTERNAL PREPARATION  
 CONTAINING THE SAME  
 Examiner : Unknown  
 Art Unit : Unknown

**CERTIFICATE OF MAILING**

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June 28, 2005

(Date)

Katsuhiro Arai, Reg. No. 43,315

**Mail Stop Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
  - (X) Listing forty nine (49) references.
  - (X) Enclosing forty seven (47) references.
- (X) A copy of International Search Report dated January 7, 2004.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

Katsuhiro Arai

Registration No. 43,315

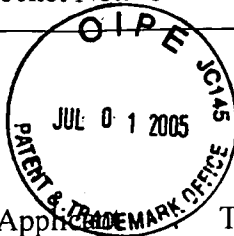
Attorney of Record

Customer No. 20,995

(949) 760-0404

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /S.G./



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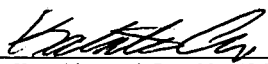
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Commissioner for Patents  
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Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application is a PTO/SB/08 Equivalent listing forty nine (49) references to be considered by the Examiner. Also enclosed are forty seven (47) foreign patent references and/or non-patent literature as listed on the Information Disclosure Statement.

This Information Disclosure Statement is being filed within three months of the filing date, with an RCE or before receipt of a first office action after an RCE and no fee is required.


The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: June 28, 2005

By:

  
Katsuhiro Arai  
Registration No. 43,315  
Attorney of Record  
Customer No. 20,995  
(949) 760-0404

## INFORMATION DISCLOSURE

## STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 1 OF 3

Application No.	0,789
Filing Date	April 8, 2005
First Named Inventor	Yutaka TOKIWA
Art Unit	Unknown
Examiner	Unknown
Attorney Docket No.	SAEG184.001APC

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1	5,346,693 A	09/13/94	Pilleux, et al.	
	2	6,306,376 B1	10/23/01	Philippe	

## FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD- YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
	3	JP 04-182415	06/30/92	Kaminomoto Honpo KK; Yamamoto Itaru; Hayashibara Biochem Lab Inc.	(English Abstract Only)	X
	4	JP 05-078222	03/30/93	Sansho Seiyaku Co Ltd.	(English Abstract Only)	X
	5	JP 05-137994	06/01/93	Kanebo Ltd	(English Abstract Only)	X
	6	JP 05-194181	08/03/93	L'Oreal SA	(English Abstract Only)	X
	7	JP 05-294820	11/09/93	Yoshikawa Takehiro; Yoshikawa Mariko	(English Abstract Only)	X
	8	JP 05-320152	12/03/93	Kanebo Ltd.	(English Abstract Only)	X
	9	JP 06-056815	03/01/94	Kanebo Ltd	(English Abstract Only)	X
	10	JP 06-305940	11/01/94	Lion Corp	(English Abstract Only)	X
	11	JP 07-285874	10/31/95	Tsuji Kunio; Pola Chem Ind Inc	(English Abstract Only)	X
	12	JP 07-316026	12/05/95	Usuki Seiyaku KK; Sansho Seiyaku Co Ltd.	(English Abstract Only)	X
	13	JP 07-316048	12/05/95	Tsuji Kunio; Higashishizuoka Yakuruto Hanbai KK; Sooma KK; Pola Chem Ind Inc.	(English Abstract Only)	X
	14	JP 08-009987	01/16/96	Lion Corp	(English Abstract Only)	X
	15	JP 08-245680	09/24/96	Natl Food Res Inst	(English Abstract Only)	X
	16	JP 09-271387	10/21/97	Lion Corp	(English Abstract Only)	X
	17	JP 10-330218	12/15/98	Noevir Co Ltd	(English Abstract Only)	X
	18	JP 11-071225	03/16/99	L'Oreal SA	(English Abstract Only)	X
	19	JP 11-124318	05/11/99	Kao Corp	(English Abstract Only)	X
	20	JP 11-189541	07/13/99	Eag KK; Kubo Michitoku; Matsuda Hideaki; Doi Hiroo	(English Abstract Only)	X
	21	JP 2001-151623	06/05/01	Shiseido Co Ltd; Yamamot Itaru	(English Abstract Only)	X
	22	JP 2001-158730	06/12/01	Pola Chem Ind Inc; Yamamoto Itaru	(English Abstract Only)	X

Examiner Signature

Date Considered

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Multiple sheets used when necessary)</i>	Application No.	0,789
	Filing Date	April 8, 2005
	First Named Inventor	Yutaka TOKIWA
	Art Unit	Unknown
SHEET 2 OF 3		Attorney Docket No. SAE184.001APC

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	23	JP 2001-278752	10/10/01	Kanebo Ltd	(English Abstract Only)	X
	24	JP 2001-288098	10/16/01	Maruzen Pharmaceut Co Ltd	(English Abstract Only)	X
	25	JP 2001-316226	11/13/01	Nonogawa Shoji KK	(English Abstract Only)	X
	26	JP 2001-322990	11/20/01	Pola Chem Ind Inc	(English Abstract Only)	X
	27	JP 2002-003381	01/09/02	Kao Corp	(English Abstract Only)	X
	28	JP 2002-047130	02/12/02	Kao Corp	(English Abstract Only)	X
	29	JP 2002-114669	04/16/02	Noevir Co Ltd	(English Abstract Only)	X
	30	JP 2002-114670	04/16/02	Noevir Co Ltd	(English Abstract Only)	X
	31	JP 2002-275060	09/25/02	Ichimaru Pharcos Co Ltd	(English Abstract Only)	X
	32	ES 2 141 670	03/16/00	Consejo Superior de Investigaciones Cientificas	(English Abstract Only)	X
	33	EP 0 477 927 A1	04/01/92	Sunstar KK	(English Abstract Only)	X
	34	WO 01/79241 A1	10/25/01	Henkel Kommanditgesellschaft Auf Aktien	(English Abstract Only)	X

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	35	Jun-ichi Kadokawa, et al., "Synthesis of Arbutin Derivative with a Kojic Acid Moiety," The Chemical Society of Japan No. 9 pp.533-535 2001	X
	36	Hideaki Matsuda, et al., "Pharmacological Studies on Leaf of <i>Arctostaphylos uva-ursi</i> (L.) SPRENG. IV. Effect of 50% Methanolic Extract from <i>Arctostaphylos uva-ursi</i> (L.) SPRENG. (Bearberry Leaf) on Melanin Synthesis " Yakugaku Zasshi 112 (4) pp. 276-282 1992	X
	37	Takahisa Nishimura, et al., "Inhibitory Effects of Hydroquinone-a-glucoside on Melanin Synthesis," Yakugaku Zasshi 115(8) pp. 626-632 1995	X
	38	Youji Wachi, "Production of cosmetic ingredients by biotechnological process," Bio Industry 11(4), pp. 206-216 1994	X
	39	Shigehiro Hirano, "Some Functional Biofibers based on Chitin and Chitosan," Bio Industry 19(4) pp. 62-70 2002	X
	40	Nobuyoshi Nakajima, et al., "Lipase-catalyzed Synthesis of Arbutin Cinnamate in an Organic Solvent and Application of Transesterification to Stabilize Plant Pigments," Biosci. Biotech. Biochem. 61(11) pp. 1926-1928 1997	
	41	C. J. Moye, "Non-Aqueous Solvents for Carbohydrates," Adv. Carbohydr. Chem. Biochem. 27, pp. 85-125 1972	

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<p><b>*Examiner:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	

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	Art Unit	Unknown
	Examiner	Unknown
SHEET 3 OF 3	Attorney Docket No.	SAEG184.001APC

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	42	Sergio Riva, et al., "Protease-Catalyzed Regioselective Esterification of Sugars and Related Compounds in Anhydrous Dimethylformamide," J. Am. Chem. Soc. 110, pp. 584-589 1988	
	43	Takahisa Nishimura, et al., "Purification and Some Properties of $\alpha$ -Amylase from <i>Bacillus subtilis</i> X-23 That Glucosylates Phenolic Compounds Such as Hydroquinone," Journal of Fermentation and Bioengineering Vol. 78, No. 1 pp. 31-36 1994	
	44	Ninfa Rangel Pedersen, et al., "Efficient transesterification of sucrose catalysed by the metalloprotease thermolysin in dimethylsulfoxide," FEBS Letters Vol. 519, No. 1-3, pp. 181-184 May 22, 2002	
	45	Nuria Armesto, et al., "Regioselective Enzymatic Acylation of Methyl Shikimate. Influence of Acyl Chain Length and Solvent Polarity on Enzyme Specificity," J. Org. Chem., Vol. 67, No. 14, pp. 4978-4981 July 12, 2002	
	46	Arto Liljeblad, et al., "Enzymatic methods for the preparation of enantiopure malic and aspartic acid derivatives in organic solvents," Tetrahedron: Asymmetry, Vol. 10, pp. 4405-4415 1999	
	47	Kohji Ishihara, et al., "A chemoenzymatic synthesis of aromatic carboxylic acid vinyl esters," Journal of Molecular Catalysis B: Enzymatic Vo. 7, pp. 307-310 1999	
	48	L. Verotta, et al., "Polyphenolic Glycosides from African Proteaceae," Journal of Natural Products, Vol. 62, No. 11, pp. 1526-1531 1999	
	49	Nobuyoshi Nakajima, et al., "Lipase-Catalyzed Direct and Regioselective Acylation of Flavonoid Glucoside for Mechanistic Investigation of Stable Plant Pigments," Journal of Bioscience and Bioengineering, Vol. 87, No. 1, pp. 105-107 1999	

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Examiner Signature	/Scarlett Goon/	Date Considered	03/25/2008
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